



Alan German & Chris Taylor

Ottawa PC Users' Group

May 17, 2023



**Britannia Park
Trolley/Picnic Station
June 14, 2023**



New this year! If you want to be fed and watered, you must
Register by E-mail to: pizzaparty@opcug.ca



Do you know where we could display our new Q&A poster?

Would like to print it and post it in your local grocery store, computer repair shop?

Is there an organization's website where you could upload a copy of the poster?

The PDF version of our poster can be downloaded from:

https://opcug.ca/wp-content/uploads/QA_Poster.pdf



Help wanted... Vacancy on the Board of Directors

Do you have any interest and/or expertise in public relations to promote the club?

Do you have any ideas for future programme topics/speakers?

The BOD would like to hear from you!



Be a part of it!

- Since we started having weekly Q&A on Zoom
 - today
 - we will pass **1,000 topics** covered
 - within the next few weeks
 - we will pass **5,000 participants**
 - on July 26th
 - we will host our **150th Q&A** on Zoom



Optimizing Excel macros

D	E	F	G	H	I	J	K
Hide Columns	Clear Filters						
Show Columns							
FILTERED COUNT 14613							
COUNT	VIEW_CASE	CASEID	PSU	CASENO	CASENUMBER	CATEGORY	VEHNO
1		8850	28	67	1-28-2017-067-05	5	1
1		6085	30	1	1-30-2017-001-03	3	2
1		6085	30	1	1-30-2017-001-03	3	2
1		8172	30	80	1-30-2017-080-03	3	1
1		8172	30	80	1-30-2017-080-03	3	1
1		8172	30	80	1-30-2017-080-03	3	1
1		6532	32	20	1-32-2017-020-07	7	3
1		7053	32	48	1-32-2017-048-03	3	2
1		7053	32	48	1-32-2017-048-03	3	2
1		7053	32	48	1-32-2017-048-03	3	2
1		7290	32	66	1-32-2017-066-02	2	1

Do While N > 1 And N < lastRow + 1

D	E	O	AV	AW
Hide Columns	Clear Filters	Time at start	10:55:01	
Show Columns	3705 of 3705	Time at end	10:55:55	
		Time taken	00:00:54	
FILTERED COUNT 3705			3705	3705
COUNT	VIEW_CASE	CASEID_VEHNO_EDRSUMNO_EDREVTNO	LFBELTUSE	RFBELTUSE
1		10001-V01-EDRSUM01-EDREVT01	Buckled	Buckled
1		10007-V01-EDRSUM01-EDREVT01	Buckled	Unbuckled
1		10009-V01-EDRSUM01-EDREVT01	Buckled	Buckled
1		10009-V01-EDRSUM01-EDREVT02	Buckled	Buckled
1		10017-V01-EDRSUM01-EDREVT01	Buckled	Unbuckled
1		10017-V01-EDRSUM01-EDREVT02	Buckled	Unbuckled
1		10017-V02-EDRSUM01-EDREVT01	Buckled	Unbuckled
1		10020-V01-EDRSUM01-EDREVT02	Buckled	Buckled

For N = 11 To lastRow

D	E	O	AV	AW
Hide Columns	Clear Filters	Time at start	10:58:25	
Show Columns	3705 of 3705	Time at end	10:59:19	
		Time taken	00:00:54	
FILTERED COUNT 3705			3705	3705
COUNT	VIEW_CASE	CASEID_VEHNO_EDRSUMNO_EDREVTNO	LFBELTUSE	RFBELTUSE
1		10001-V01-EDRSUM01-EDREVT01	Buckled	Buckled
1		10007-V01-EDRSUM01-EDREVT01	Buckled	Unbuckled
1		10009-V01-EDRSUM01-EDREVT01	Buckled	Buckled
1		10009-V01-EDRSUM01-EDREVT02	Buckled	Buckled
1		10017-V01-EDRSUM01-EDREVT01	Buckled	Unbuckled
1		10017-V01-EDRSUM01-EDREVT02	Buckled	Unbuckled
1		10017-V02-EDRSUM01-EDREVT01	Buckled	Unbuckled
1		10020-V01-EDRSUM01-EDREVT02	Buckled	Buckled

Application.Calculation = xlManual
 Application.Calculation = xlAutomatic

D	E	O	AV	AW
Hide Columns	Clear Filters	Time at start	11:06:51	
Show Columns	3705 of 3705	Time at end	11:07:45	
		Time taken	00:00:54	
FILTERED COUNT 3705			3705	3705
COUNT	VIEW_CASE	CASEID_VEHNO_EDRSUMNO_EDREVTNO	LFBELTUSE	RFBELTUSE
1		10001-V01-EDRSUM01-EDREVT01	Buckled	Buckled
1		10007-V01-EDRSUM01-EDREVT01	Buckled	Unbuckled
1		10009-V01-EDRSUM01-EDREVT01	Buckled	Buckled
1		10009-V01-EDRSUM01-EDREVT02	Buckled	Buckled
1		10017-V01-EDRSUM01-EDREVT01	Buckled	Unbuckled
1		10017-V01-EDRSUM01-EDREVT02	Buckled	Unbuckled
1		10017-V02-EDRSUM01-EDREVT01	Buckled	Unbuckled
1		10020-V01-EDRSUM01-EDREVT02	Buckled	Buckled
1		10020-V01-EDRSUM01-EDREVT01	Unbuckled	Unbuckled

Share

USB Charging Stations are a Menace!

← Tweet

 **FBI Denver** @FBIDenver

Avoid using free charging stations in airports, hotels or shopping centers. Bad actors have figured out ways to use public USB ports to introduce malware and monitoring software onto devices. Carry your own charger and USB cord and use an electrical outlet instead.

 ALT

15:01 · 06 Apr 23 · 550K Views

1,732 Retweets 474 Quotes 2,333 Likes

1. **Avoid using free charging stations in airports, hotels or shopping centers.**
2. **Bad actors have figured out ways to use public USB ports to introduce malware and monitoring software onto devices.**
3. **Carry your own charger and USB cord and use an electrical outlet instead.**



https://www.youtube.com/watch?v=Im1_3BB3oeQ

- Tweet from the FBI's Denver Office may be over-stating the risk
- Issue has been around for more than a decade (first demonstrated in 2011)
- Should you be careful? Always!

But... it's a storm in a tea cup!



Avoidance Measures

- Using AC power outlets can help you avoid any potential risks, so be sure to pack AC, car chargers, and your own USB cables with you when traveling.
- Carry an external battery.
- Consider carrying a charging-only cable, which prevents data from sending or receiving while charging, from a trusted supplier.
- If you plug your device into a USB port and a prompt appears asking you to select "*share data*" or "*trust this computer*" or "*charge only*," always select "*charge only*."

<https://www.fcc.gov/juice-jacking-tips-to-avoid-it>



Willem Van Dijk <theoldphart2@gmail....>

Apr 11, 2023,

3:51:32 PM



to opcug-member-forum@googlegroups.com

A USB cable has 4 wires, A 5V pos, wire, a "ground" wire, and a data+ and data-. Any data, including malware is transferred via the two data wires, so you can actually buy charge only cables which are safe for public charging stations. They only have the two power wires, and it cannot do anything else.

Bill v.



StarTech.com 3ft (1m) Secure Charging Cable USB-A to USB-C Data Blocker Charge-Only Cable No-Data Power-Only Charger Cable for Phone/Tablet Data Blocking USB Protector Adapter Cable (USBSCHAC1M) Black

[Visit the StarTech.com Store](#)

★★★★☆ (4.0) 14 ratings

\$19⁴⁴



StarTech.com Secure Charging USB Data Blocker Adapter Male to Female USB-A Charge-Only Adapter No-Data Charge/Power-Only Adapter for Phone/Tablet Data Blocking USB Protector Adapter (USBSCHAAMF) Black

[Visit the StarTech.com Store](#)

★★★★☆ (4.4) 10 ratings

\$19⁷⁸



Make a USB Cable 'power Only'

By Simon Lewis in Circuits > Computers  122,574  24  16

1. Step 1: Identify the Data Transfer Pins. ...
2. Step 2: Cut the Tape to the Right Width. ...
3. Step 3: Apply the Sticky Tape Over the Data Contacts.
4. Step 4: Ensure Good Adhesion. ...
5. Step 5: Trim Excess Tape. ...
6. Step 6: Done!



<https://www.instructables.com/USB-Condom/>

Share

Loonie Bits



- Highlighting Canadian sites with information of interest to Canadian consumers
- Can you help fulfill our motto *Users helping users?*
 - do you know of Canadian sites with interesting info?
 - you could speak to the items or just submit the info for inclusion at a future Q&A

Share

Loonie Bits



- General consumer info
 - <https://cansumer.ca/>
- Video on financial investing & money management from a father & son team
 - <https://www.youtube.com/@brandonbeavisinvesting>
- Video in the style of The Juice Media, The Breach;
 - <https://www.youtube.com/@TheBreach>



Share

Change the default font in LibreOffice Writer



Default font in Writer

English writer

 Question



Deb1

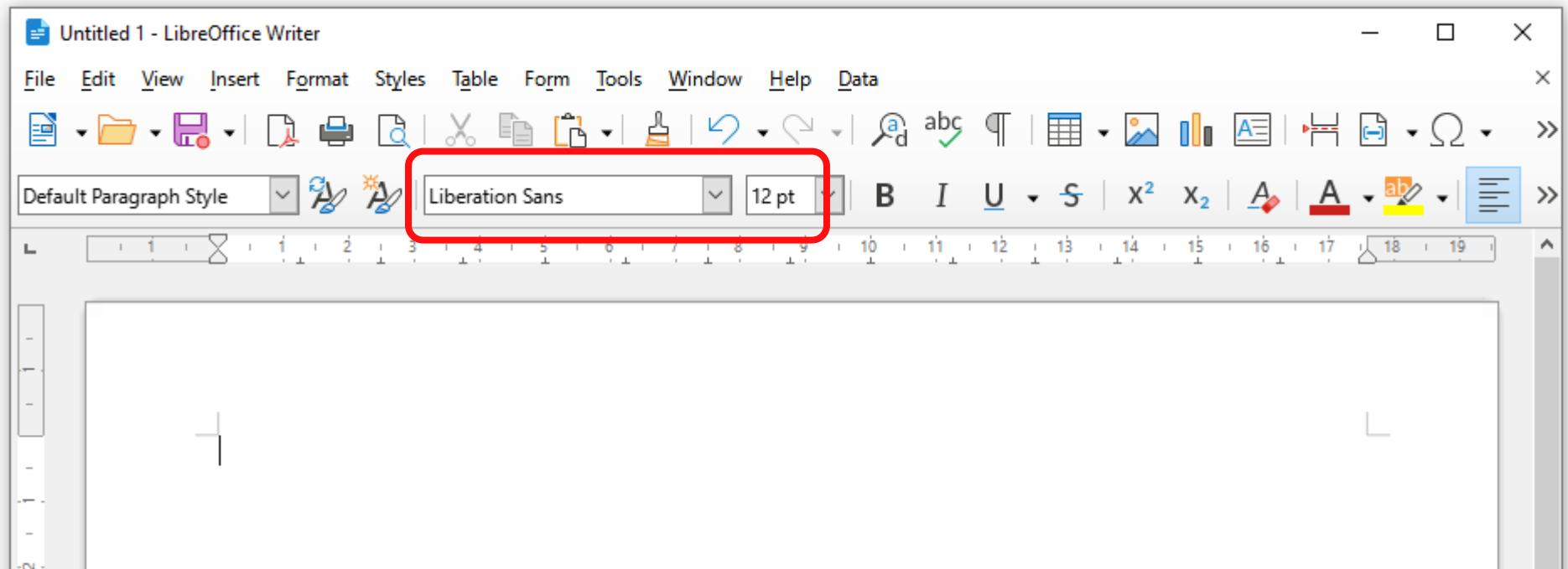
How do I change the default font in Writer to apply to all new documents?



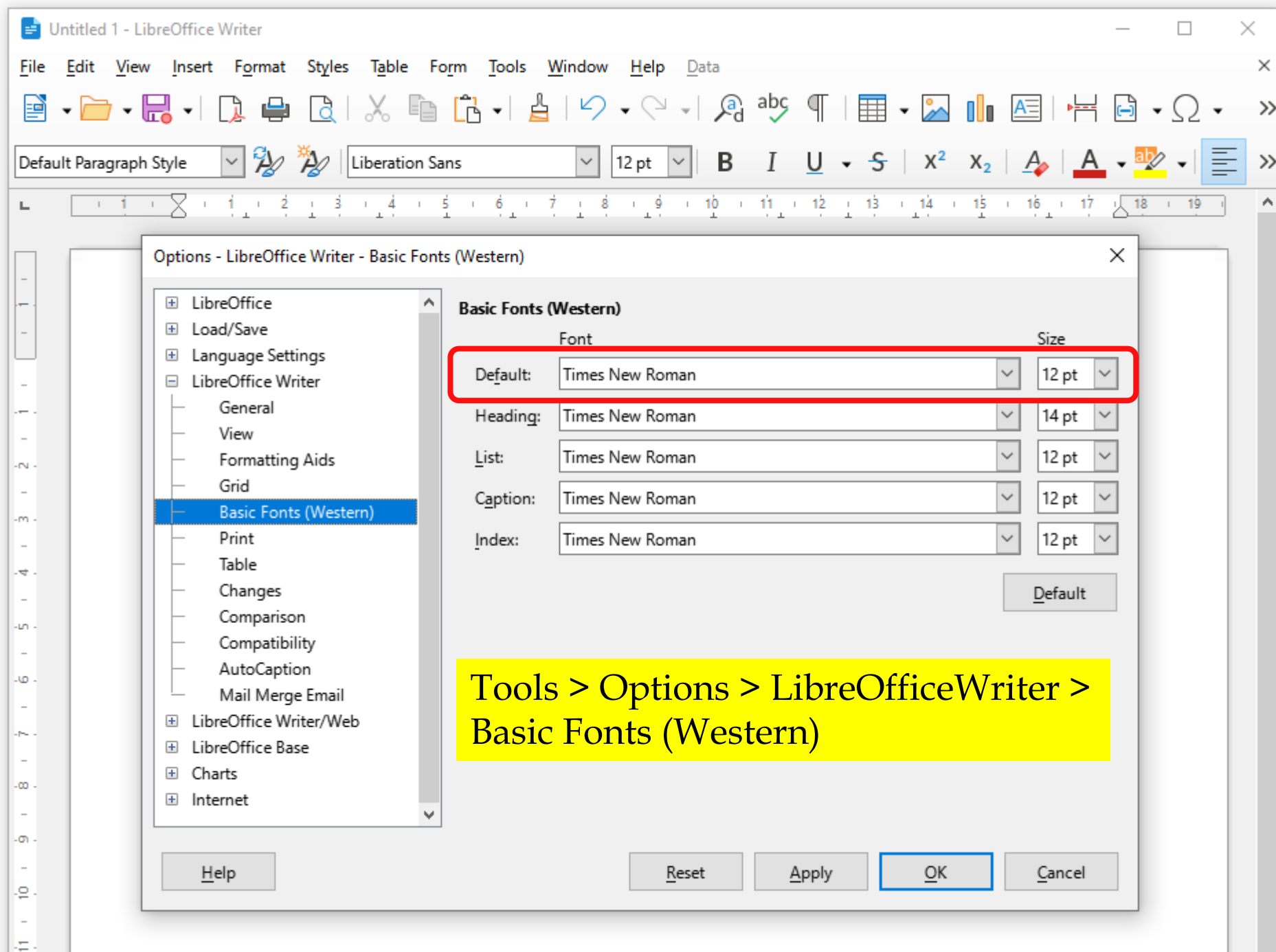
librebel

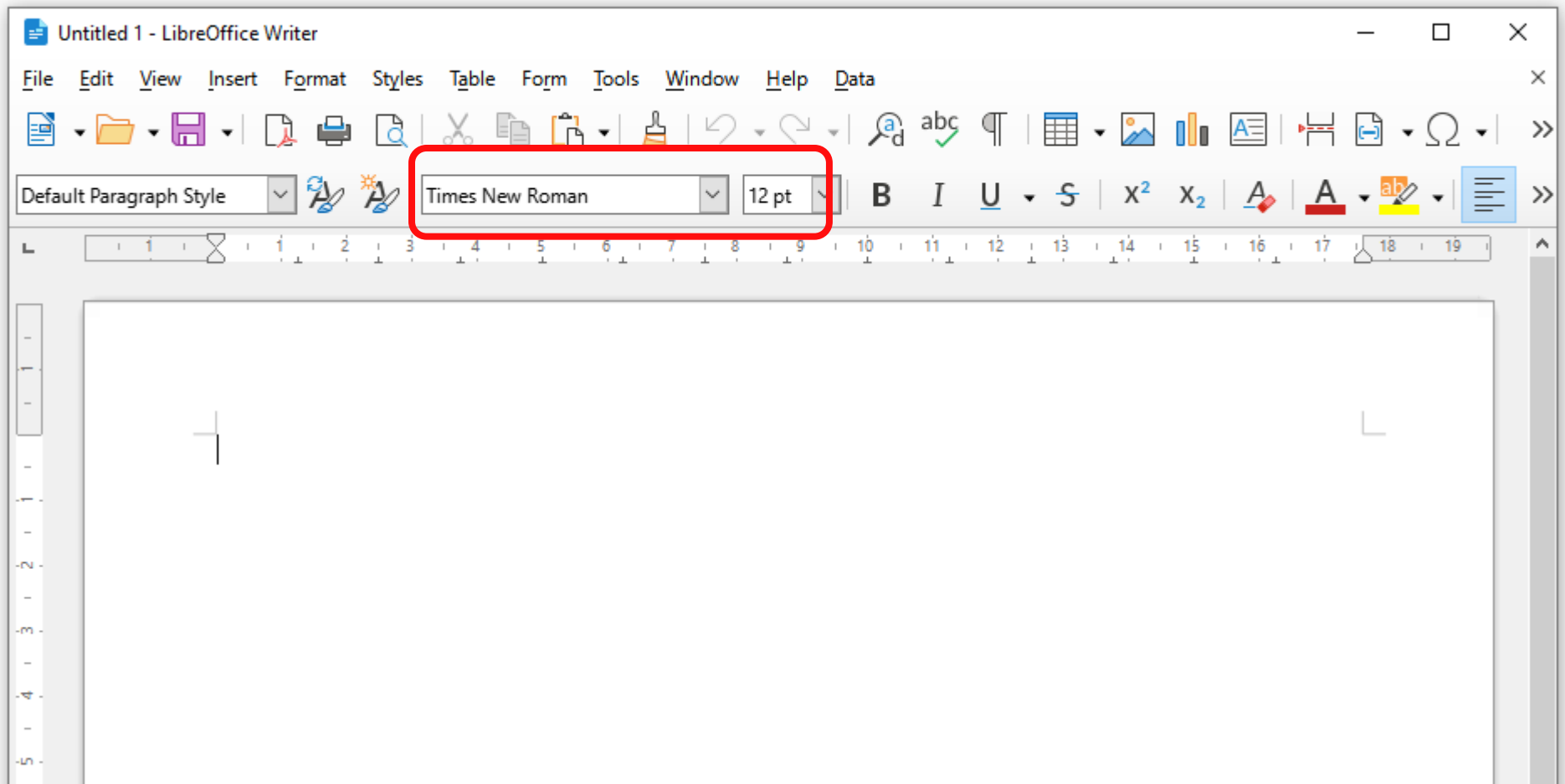
Hello Deb, to change the default font in Writer:

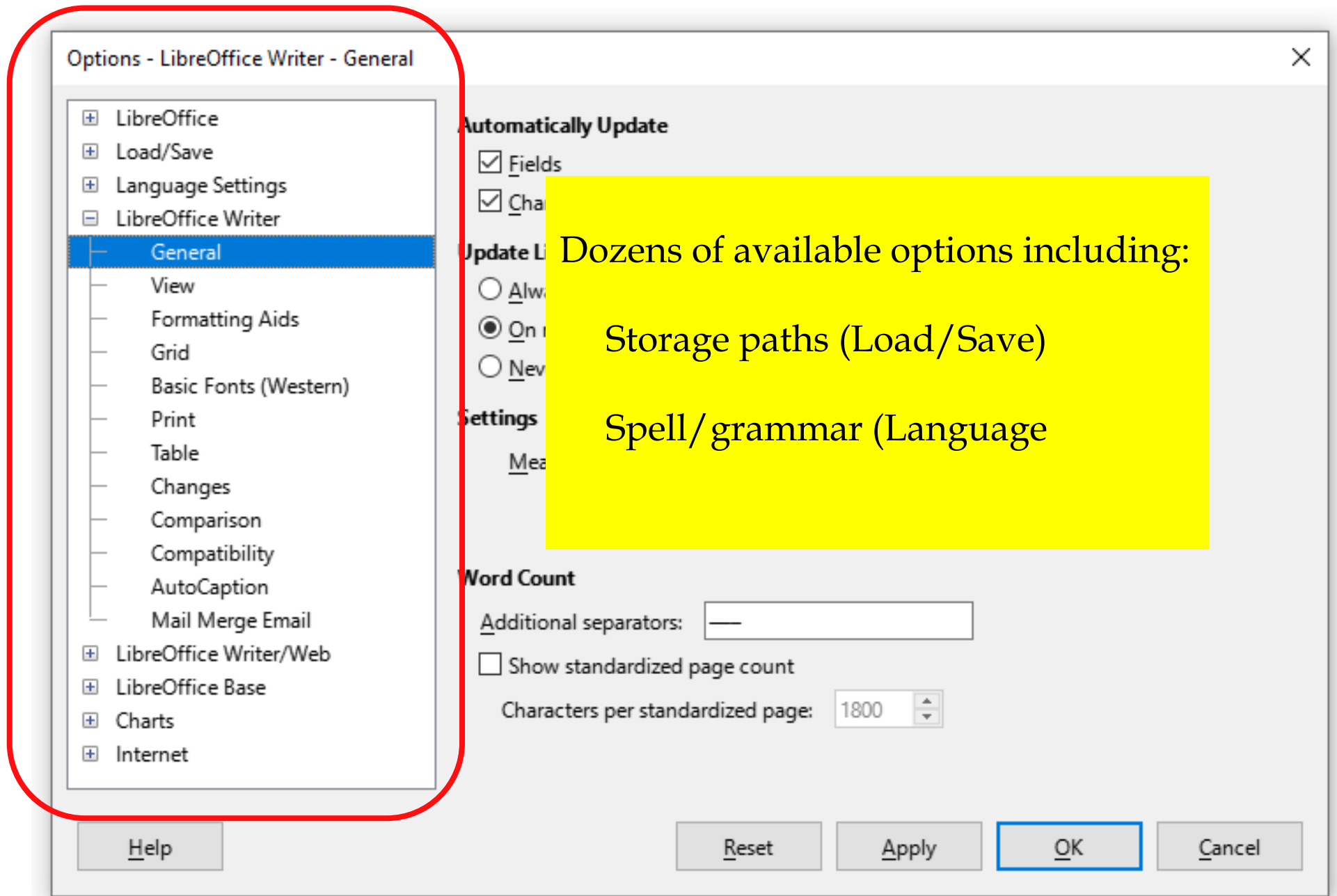
1. choose the menu "Tools : Options..." and select the item "LibreOffice Writer > Basic Fonts (Western)",
2. in the field called "Default", select your preferred font.

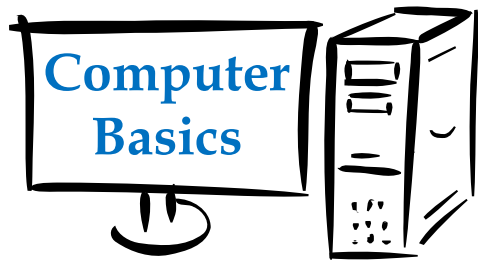


Default font = Liberation Sans
12 pt







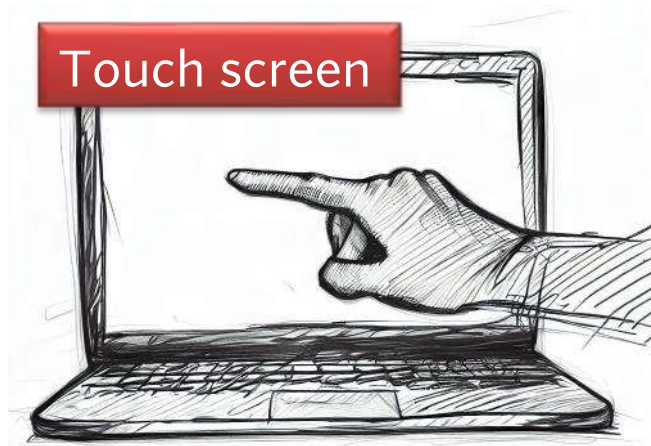


Paging through websites

- Web pages are often very long
- Move through any screens to read all content on a page
- Many ways to accomplish this



Mouse



Touch screen

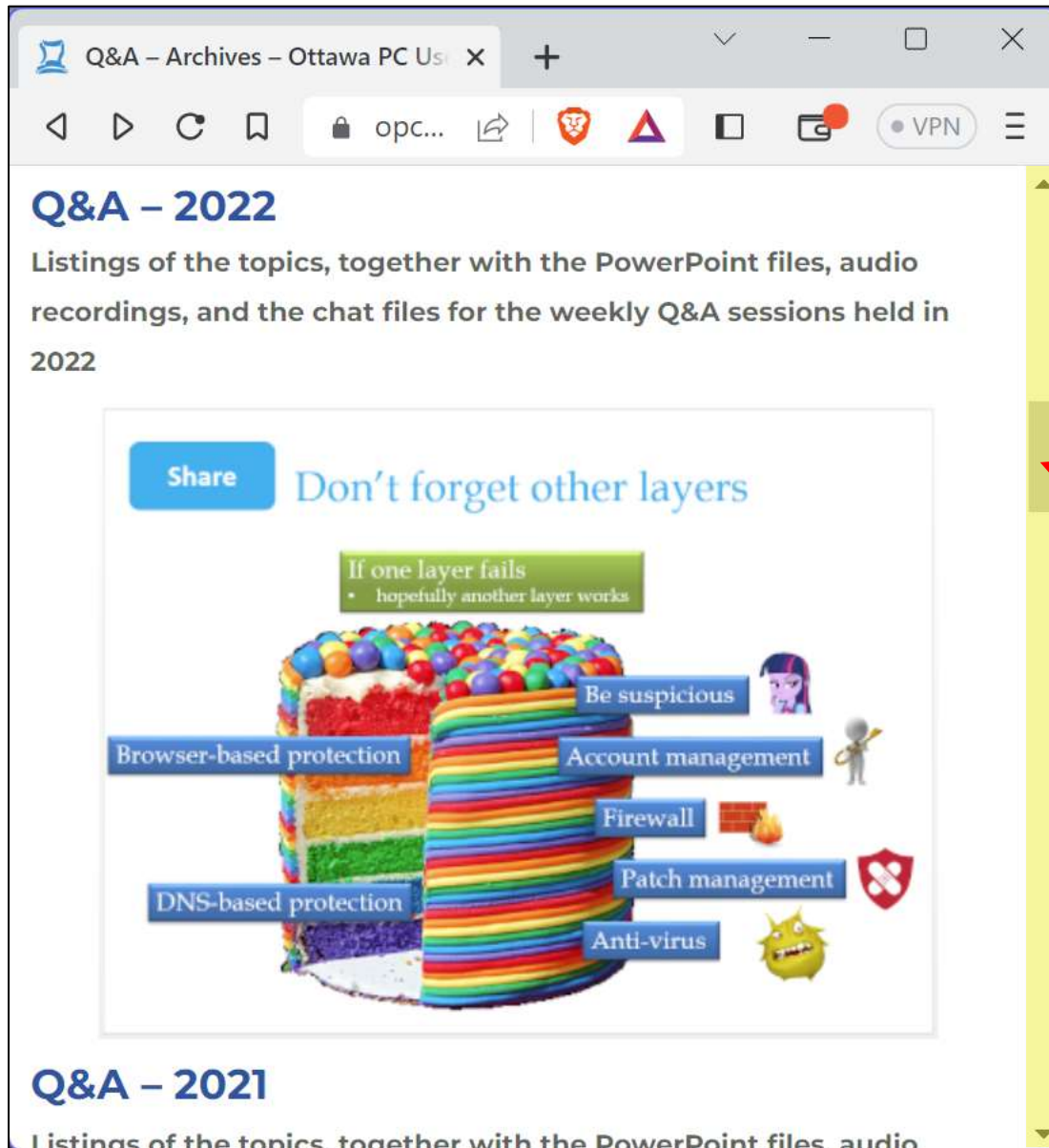


Keyboard

Computer Basics



Scroll bar and mouse



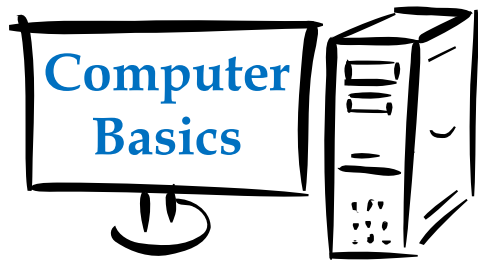
Click triangle to scroll up one line

Click between triangle & scroll bar to scroll up one screen

Click & drag scroll bar to move any amount

Click between triangle & scroll bar to scroll down one screen

Click triangle to scroll down one line



Mouse (anywhere on webpage)



- Roll the mouse wheel to scroll up/down
 - *Multiple lines at a time*
 - from 1 to 100 lines at a time!
 - *One screen at a time*

Windows 10

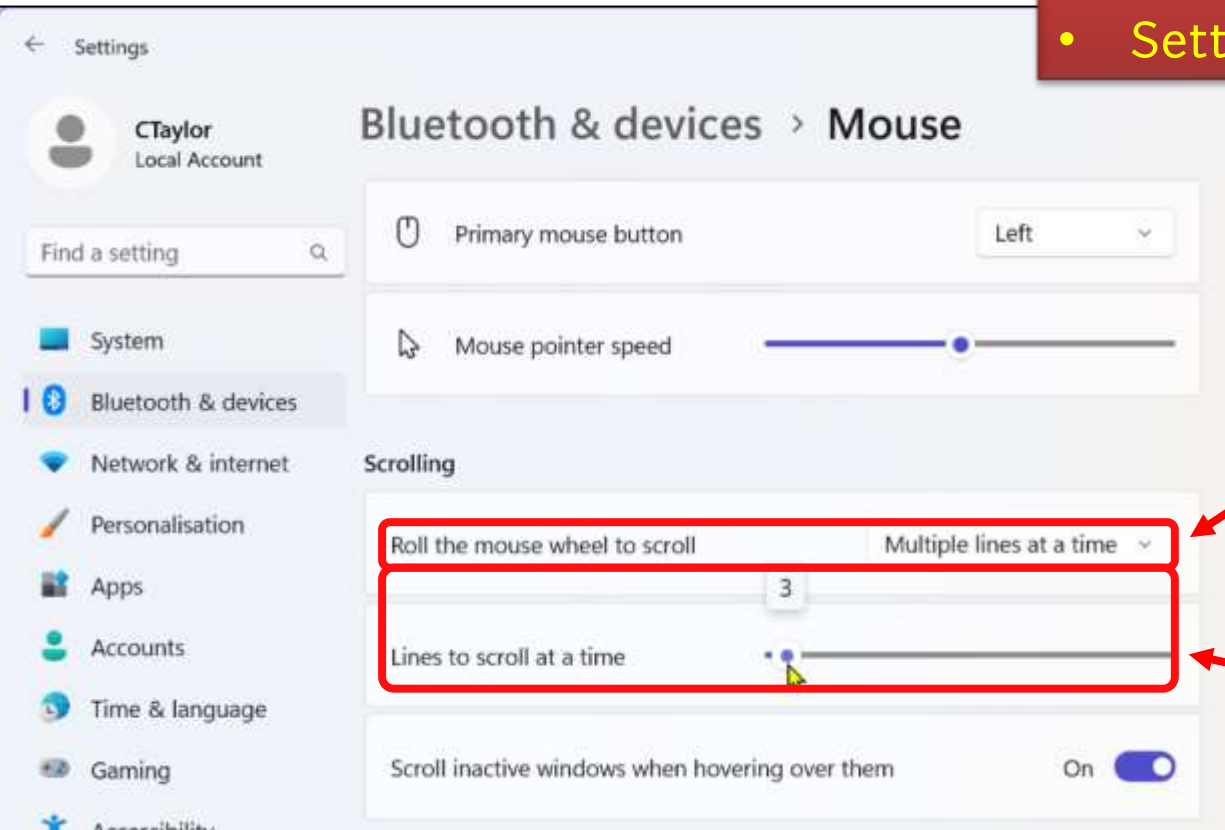
- Settings > Devices > Mouse

Windows 11

- Settings > Bluetooth & devices > Mouse

Multiple lines at a time or
One screen at a time

If *Multiple lines at a time*
choose
Lines to scroll at a time



Computer Basics

Continuous smooth scrolling

Place mouse cursor anywhere on page

- *try near middle*

Don't forget:
Next Q&A
Apr 5th



OUR MOST RECENT Q&A SESSION

Uninterruptible Power

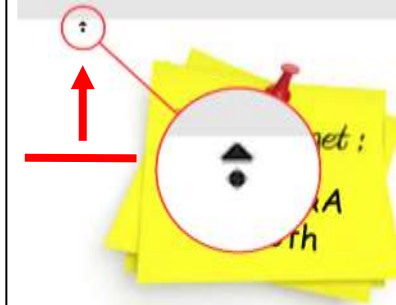
Click mouse wheel

- cursor changes



Move mouse pointer higher on page

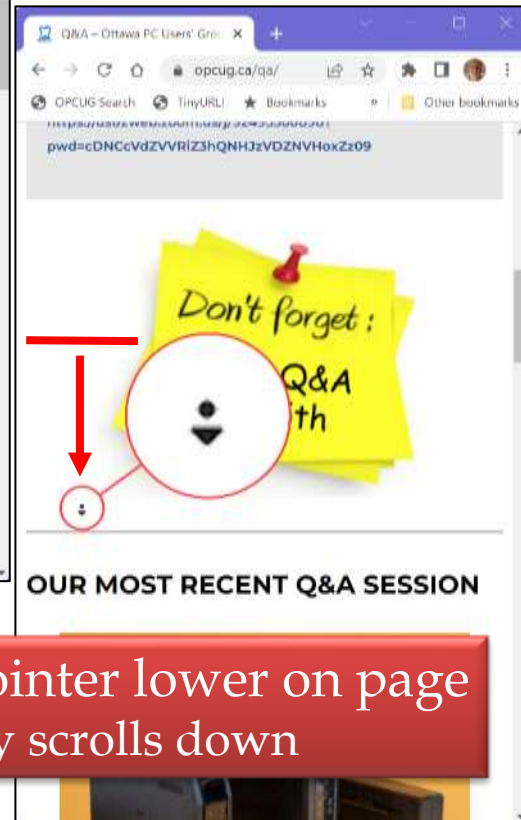
- page smoothly scrolls up



OUR MOST RECENT Q&A SESSION

Move mouse pointer lower on page

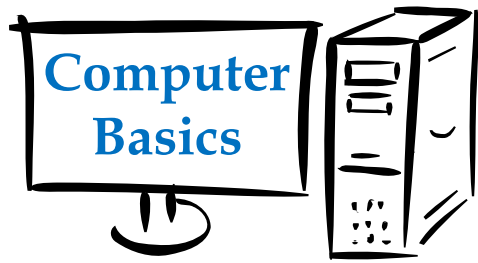
- page smoothly scrolls down



OUR MOST RECENT Q&A SESSION

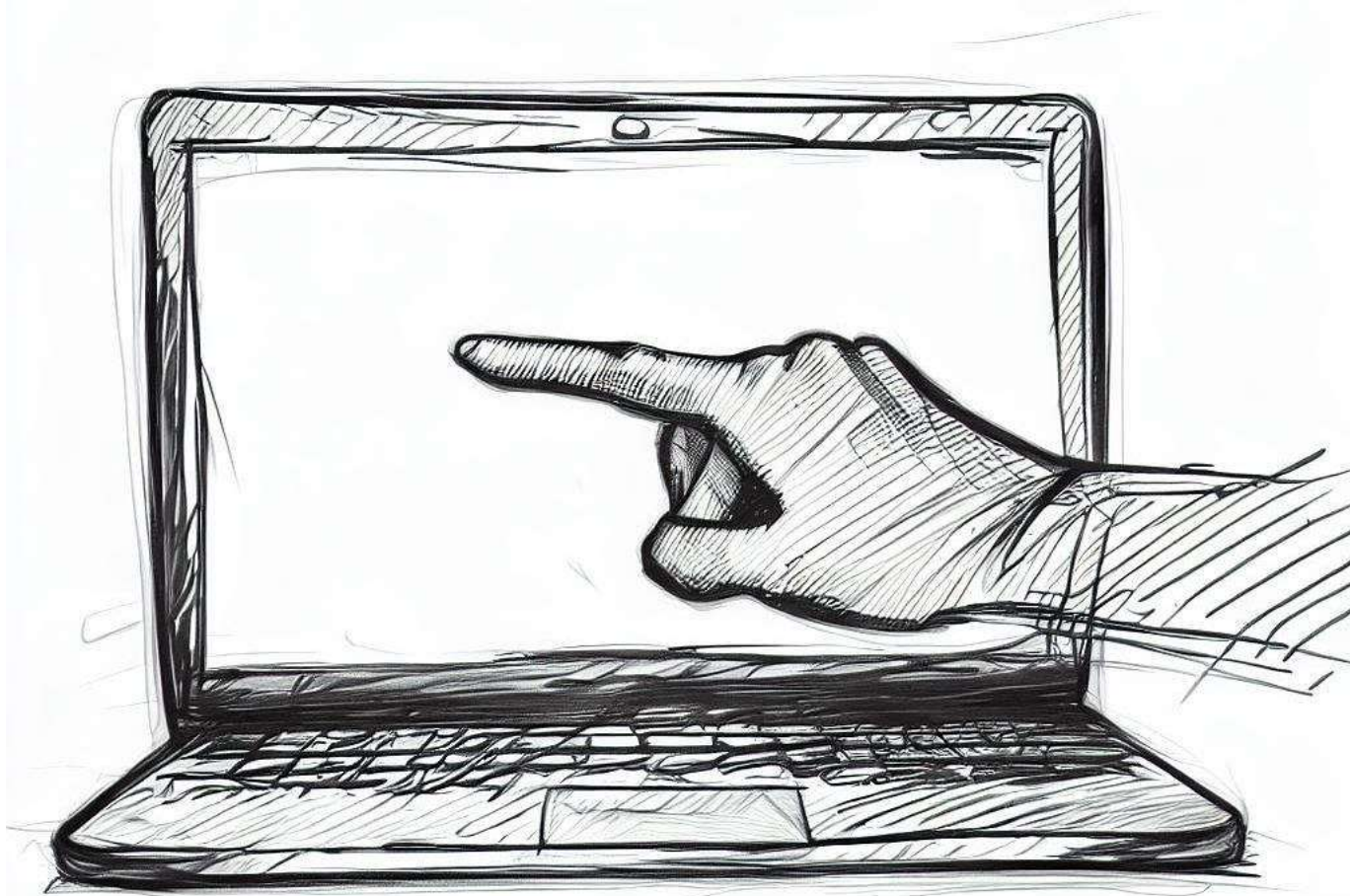
Scroll faster by moving further from starting point

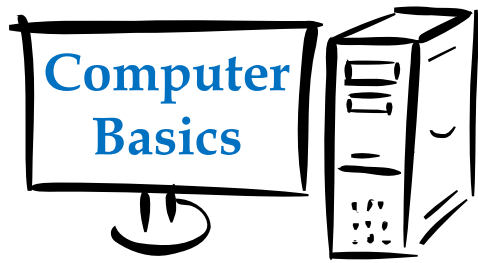
Press *Esc* to cancel scrolling



Touch screen

- Touch screen and drag up/down
- Flick quickly up/down to move more than one screen





Keyboard

- PgUp/PgDn keys to move by one screen
- Arrow up/down keys to move by one line
- **My favourite of *all ways* to scroll through webpages**
 - space bar
 - space bar scrolls down one screen
 - shift-space bar scrolls up one screen



Share

Should We Fear AI?



<https://www.youtube.com/watch?v=3VXlRkUbWD4>

- March 2023 - *Pause Giant AI Experiments: An Open Letter*
Elon Musk, Steve Wozniak and many others
Seven policy recommendations – including:
auditing, standards, regulations
<https://futureoflife.org/open-letter/pause-giant-ai-experiments/>
- March 1950 - *Programming a computer to play chess*
Claude E. Shannon; Phil. Mag.; 41:314; pp. 256-275
- IBM, Amazon, Google and others have introduced
cloud-based AI services
- November, 2022 – ChatGPT (now ChatGPT 4)
- Incredibly useful or exceedingly scary?
- Ask ChatGPT ! – Should we fear AI?
*AI is simply a tool that can be used for good or bad
purposes, just like any other technology*

Share

NETGEAR ReadyCLOUD

End of support



- ReadyCLOUD remote file access function
 - remotely access ReadyNAS system or USB storage device attached to your router
- Service end date
 - 2023-04-04 for USB storage on WiFi router
 - 2023-07-01 for ReadyNAS devices
- After service end date
 - no longer able to access files remotely
- NETGEAR's solution
 - *We encourage you to move your files to a cloud storage application such as Google Drive, Dropbox, or OneDrive*

<https://kb.netgear.com/000065438/Support-for-ReadyCLOUD-feature-ends-spring-2023>

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Chris's Rants: Vendor Support

- *All* vendors
 - eventually drop support for products & services
- *No* standard
 - how long vendors must support what they sell you
- Things can change over time
 - *even for existing products*



Microsoft as an example

- Originally no stated end-of-support
- After Windows XP in use *much* longer than Microsoft hoped
 - business products: 5 years mainstream support + 5 years extended (security) support
 - included all versions of Windows & Office
 - consumer products: 5 years
- Later changes
 - *Modern Lifecycle Policy* introduced October 2016
 - ...covers products and services that are serviced and supported continuously. Under this policy, the product or service remains in support *if* the following criteria are met:
 - Customers must stay current as per the servicing and system requirements published for the product or service.
 - Customers must be licensed to use the product or service.
 - *Microsoft must currently offer support for the product or service.*

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What this means...Windows 10

Windows 10 version	Start date	End date
21H2	Nov 16, 2021	Jun 13, 2023
22H2	Oct 18, 2022	Oct 14, 2025
https://learn.microsoft.com/en-us/lifecycle/products/windows-10-home-and-pro		



- Windows 10 prior to 21H2 already out of support
 - 21H1 released May 18, 2021 *just 2 years ago*
 - now out of support
- Must be on recent release of any given Windows version
 - *version = feature release* such as
 - Windows 10 **version 1809**,
 - Windows 10 **version 21H2**, etc
 - new releases are “free”
 - Microsoft makes it difficult to stay on old releases

Share

Just to be more confusing...



- Microsoft Office 2019 follows *Fixed Lifecycle Policy*
- Office *used* to be supported for
 - 5 years mainstream support &
 - 5 additional years for extended support
 - security updates
- Microsoft Office 2019 released Sep 24, 2018
 - end of mainstream support Oct 10, 2023 (5 years)
 - end of extended support Oct 14, 2025 (*only 2 years*)

Need more confusion?

- Microsoft Office 2021 follows *Modern Lifecycle Policy*
 - released Oct 5, 2021
 - end of all support Oct 13, 2026 (5 years)
- No extended support
- But the *Modern Lifecycle Policy*
 - ...covers products & services serviced & supported continuously
 - ...the product or service remains in support if the following criteria are met:
 - *Microsoft must currently offer support for the product or service*
- Maybe Microsoft chooses to no longer offer support for Microsoft Office 2021 after Oct 13, 2026

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Not confused enough?

- Microsoft 365 nee Office 365 follows *Modern Lifecycle Policy*
 - start date: Sep 22, 2015
 - **no end of support date**
- Microsoft 365 is a **subscription service**
- As long as you keep paying, Microsoft will keep
 - forcing updates on you
 - and keep supporting it
- Well, until they change their support policy!
- But keep in mind, under Modern Lifecycle Policy
 - *the product or service remains in support if the following criteria are met:*
 - *Customers must stay current as per the servicing & **system requirements** published for the product or service.*
 - *Customers must be licensed to use the product or service.*
 - *Microsoft must currently offer support for the product or service.*

Other vendors

- Apple will support iPhones (and all devices it makes) for seven years from the last time it sold that particular model
 - <https://www.macworld.com/article/675021/how-long-does-apple-support-iphones.html>
- Samsung *Galaxy* devices
 - *will now provide **up to** five years of security updates*
 - <https://news.samsung.com/us/samsung-galaxy-os-upgrade-one-ui-android-unpacked-2022/>
- Linux Mint
 - *Each Linux Mint release is supported for five years. After that, you must upgrade to the next version or install the newer version afresh*
 - <https://itsfoss.com/linux-mint-release-cycle/>

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Other vendors



- ChromeOS
 - *Every ChromeOS device receives regular updates from Google until it reaches its Auto Update Expiration (AUE) date, **subject to support** from component manufacturers*
 - Devices from 54 vendors listed with every ChromeOS device
 - total of 485 devices
 - 209 from Acer
 - 7 from Google
 - 18 from Samsung
 - AUE dates as far out as June, 2032 (2 from Asus, 3 from Lenovo)
 - <https://support.google.com/chrome/a/answer/6220366?hl=en>

Share

Bottom line

- Vendors
 - make the rules
 - have *wildly* differing support policies/end dates
 - can change their minds *whenever they want*
- Consumers have little...**read: no**... say in the matter
- Know when you buy something what the current support policy is
 - Google *might* be your friend in finding the info
 - But it can be *very hard* sometimes to find useful information
- *Support policies can change if the vendor feels like it*





**Any other:
Questions
Comments
Shares?**

June Meeting

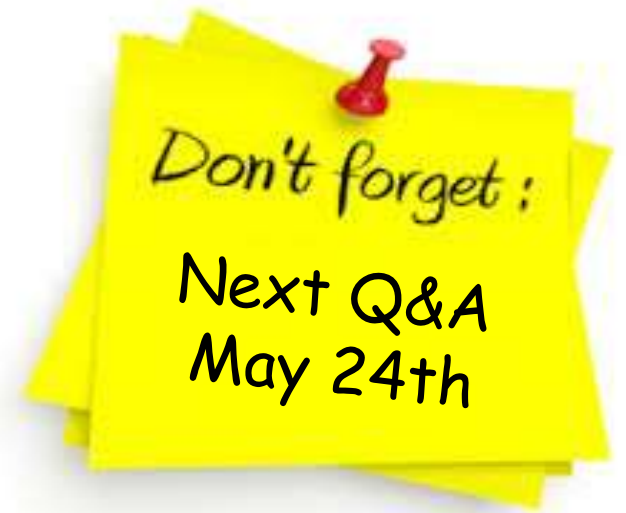
Pizza-Q

Britannia Park Trolley/Picnic Station

June 14, 2023

Register by E-mail to: pizzaparty@opcug.ca





**Send your questions,
answers, and topics
you wish to share to:**

SuggestionBox@opcug.ca